

Form PTO-1449 (REV. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 23438.00042		APPLICATION NO. 10/773,105	
<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)				APPLICANT Paul V. Cooper			
				FILING DATE February 4, 2004		GROUP 1742	
				MOLTEN METAL PUMP COMPONENTS			
<b>U. S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>SK</i>		5,676,520	10-14-1997	Thut			
		5,678,244	10-14-1997	Shaw et al.			
		5,678,807	10-21-1997	Cooper			
		5,679,132	10-21-1997	Rauenzahn et al.			
		5,685,701	11-11-1997	Chandler et al.			
		5,690,888	11-25-1997	Robert			
		5,695,732	09-09-1997 12 - 9 - 1997	Sparks et al.			
<i>SK</i>		5,716,195	02-10-1998	Thut			
<b>FOREIGN PATENT DOCUMENTS</b>							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<b>EXAMINER</b>	<b>DATE CONSIDERED</b>						
<i>SK</i>	<i>7/06</i>						
<b>*EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>SH</i>		6,243,366	06-05-2001	Bradley et al.			
<i>SH</i>		6,250,881	06-26-2001	Mordue et al.			
		6,254,340	07-03-2001	Vild et al.			
		6,270,717	08-07-2001	Tremblay et al.			
		6,280,157	08-28-2001	Cooper			
		6,298,759	09-25-2001 10-9-2001	Thut			
		6,303,074	10-16-2001	Cooper			
<i>CA</i>		6,345,964	02-12-2002	Cooper			

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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


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<i>G</i>		6,716,147	04-06-2004	Hinkle et al.			
		6,723,276	04-20-2004	Cooper			
		6,805,834	10-19-2004	Thut			
		6,843,640	01-18-2005	Mordue et al.			
		6,848,497	02-01-2005	Sale et al.			
		6,869,271 6,896,271	05-24-2005	Uchida et al.			
		6,869,564	03-22-2005	Gilbert et al.			
<i>SH</i>		6,881,030	04-19-2005	Thut			

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							YES NO

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